

ABSTRACT OF THE DISCLOSURE

An apparatus of a light source for a liquid crystal display includes two transformers connected between a driver and respective lamps, and a driving signal from a driver is supplied to the lamps through the transformers. Secondary sides of the transformers are connected to each other, and a node between the transformers works as a neutral point in that loads connected to the transformers are symmetrical. The neutral point moves when the symmetry of the load distribution is broken under abnormal operation such as arc generation due to disconnection of the transformers. The movement of the neutral point increases the voltage at the node between the transformers and the driver is shut down when a voltage divided from the voltage of the node is larger than a reference voltage.